

1 I claim:

2 1. A method of diagnosing a probability of pain relief through medical treatment in a patient, the
3 method comprising the following steps:

4
5 (a) administering a perceptual test to the patient, the perceptual test including a plurality
6 of declarative statements relating to somatization;

7
8 (b) receiving responses from the patient to the plurality of declarative statements, said
9 responses including an affirmative response and a negative response;

10
11 (c) providing at least three scoring templates of pre-selected responses to the plurality of
12 declarative statements, the at least three scoring templates of pre-selected responses
13 being selected from a group of validity factors comprising defensiveness,
14 predictiveness and carelessness;

15
16 (d) providing at least six scoring templates of pre-selected responses to the plurality of
17 declarative statements, the at least six scoring templates of pre-selected responses
18 being selected from a group of clinical factors comprising somatic concern, depressed
19 mode, passive personality, compulsive/obsessive personality, hypomania, and ego
20 integrative defect;

21
22 (e) applying each of said scoring templates from the group of validity factors and the
23 group of clinical factors to the responses to the plurality of declarative statements from
24 the patient, producing a raw score value for each of the validity factors and each of the
25 clinical factors;

- 1 (f) assessing errors in the test utilizing a carelessness factor raw score;
- 2
- 3 (g) adjusting each raw score from the group of clinical factors comprising somatic
- 4 concern, compulsive/obsessive personality, and hypomania, by a percentage of the
- 5 defensiveness factor raw score;
- 6
- 7 (h) creating a set of final scores relating to the somatic concern clinical factor, the
- 8 compulsive/obsessive personality clinical factor, and hypomania clinical factor;
- 9
- 10 (i) preserving the set of raw scores from a group of clinical factors comprising depressed
- 11 mode, passive personality, and ego integrative defect;
- 12
- 13 (j) standardizing the score for each of the somatic concern clinical factor final score, the
- 14 depressed mode clinical factor raw score, the passive personality clinical factor raw
- 15 score, the compulsive/obsessive personality clinical factor final score, and the
- 16 hypomania clinical factor final score, utilizing a standardizing analysis of a clinically
- 17 assessed normative group;
- 18
- 19 (k) applying a set of scoring rules to a group of clinical factor standardized scores
- 20 comprising somatic concern, depressed mode, and passive personality, determining
- 21 a scoring value of standard deviations above the normative group mean for each said
- 22 standardized score clinical factor;
- 23
- 24 (l) applying the set of scoring rules to the ego integrative defect clinical factor raw score,
- 25 determining a scoring value of standard deviations above the normative group mean
- for the ego integrative defect clinical factor;

- 1 (m) applying the set of scoring rules to a numerical relationship between the scoring value
2 for the somatic concern clinical factor and the scoring value for the
3 compulsive/obsessive personality clinical factor, determining a scoring value of
4 standard deviations above the normative group mean for said numerical relationship;
5
- 6 (n) applying the set of scoring rules to a numerical relationship between the scoring value
7 for the somatic concern clinical factor and the scoring value for the passive personality
8 clinical factor, determining a scoring value of standard deviations above the normative
9 group mean for said numerical relationship;
10
- 11 (o) applying the set of scoring rules to a numerical relationship between the scoring value
12 for the depressed mode clinical factor and the scoring value for the hypomania clinical
13 factor, determining a scoring value of standard deviations above the normative group
14 mean for said numerical relationship;
15
- 16 (p) summing the scoring value for the somatic concern clinical factor, the scoring value
17 for the depressed mode clinical factor, the scoring value for the passive personality
18 clinical factor, the scoring value for the ego integrative defect clinical factor, the
19 scoring value for the numerical relationship between the somatic concern clinical
20 factor and the compulsive/obsessive personality clinical factor, the scoring value for
21 the numerical relationship between the somatic concern clinical factor and the passive
22 personality clinical factor, and the scoring value for the numerical relationship
23 between of the depressed mode clinical factor and the hypomania clinical factor; and
24
- 25 (q) thereby producing a single pain index score indicating and measuring the effect of
somatization on the patient.

1 2. A method as in claim 1 and further including the steps of:

- 2
- 3 (a) establishing a probability equation score for the probability of pain relief through
- 4 medical treatment by comparing the predictiveness factor raw score to a regression
- 5 analysis of predictiveness validity factor raw scores to predicted percentages of
- 6 probability of success to medical treatment;
- 7
- 8 (b) plotting the probability equation score and the pain index score to a graph of divergent
- 9 linear curves of clinically observed percentage probability values and numerical
- 10 indices scores for multiple patients; and
- 11
- 12 (c) thereby comparing a relationship between the probability equation score and the pain
- 13 index score, confirming accuracy and internal validity of the method diagnosing a
- 14 probability of pain relief through medical treatment in a patient.
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
- 24
- 25